

CLAIM AMENDMENTS

Claim 1 (currently amended): A portable security alarm system for detecting the movement of an object and providing information relative to said movement, said system comprising a movement detecting and signal transmitting means for detecting movement of an object and wirelessly transmitting a predetermined signal indicating movement of said object, and a receiver means for receiving said predetermined signal and providing a security response, said movement detecting and signal transmitting means comprising an inertial sensor disposed within a vacuum environment.

Claims 2-3 (cancelled).

Claim 4 (original): The system of claim 1 wherein said movement detecting and signal transmitting means comprises a piezo film accelerometer sensor.

Claim 5 (currently amended): A portable security alarm system for detecting the movement of an object and providing information relative to said movement, said system comprising a movement detecting and signal transmitting means for detecting movement of an object and wirelessly transmitting a predetermined signal indicating movement of said object, and a receiver means for receiving said predetermined signal and providing a security response, said movement detecting and signal transmitting means comprising an inertial ~~The system of claim 2 wherein said movement detecting and signal transmitting means comprises an accelerometer sensor with a piezoelectric audio transducer construction that includes a piezoelectric element mounted to a diaphragm, said sensor further including a mass attached to said diaphragm.~~

Claim 6 (original): The system of claim 5 wherein said mass is one of a quantity of adhesive, a quantity of solder, or a solid object bonded to said diaphragm.

Claim 7 (currently amended): The system of claim 1 wherein said movement detecting and signal transmitting means comprises an accelerometer sensor with a piezoelectric audio transducer construction that includes a piezoelectric element mounted to a diaphragm, ~~and with said piezoelectric element and said diaphragm being disposed within a partial vacuum environment.~~

Claim 8 (currently amended): The system of claim 7 wherein ~~said partial~~ vacuum environment is provided by an airtight compartment.

Claim 9 (original): The system of claim 8 wherein said airtight compartment is a vacuum sealed enclosure.

Claim 10 (original): The system of claim 1 wherein said movement detecting and signal transmitting means further comprises a magnetic field sensor.

Claims 11-13 (cancelled).

Claim 14 (currently amended): A portable security alarm system for detecting the movement of an object and providing information relative to said movement, said system comprising a movement detecting and signal transmitting means for detecting movement of an object and wirelessly transmitting a predetermined signal indicating movement of said object, a receiver

means for receiving said predetermined signal and providing a security response, and a remote speaker system adapted to receive wireless signals from said receiver means, said speaker system having a unique identifier that said receiver means uses to communicate with said speaker system and to distinguish said speaker system from other speaker systems of like construction.

Claim 15 (original): The system of claim 14 wherein said speaker system stores plural audio files.

Claim 16 (currently amended): The system of claim 14 15 wherein said speaker system is adapted to receive a wireless signal from said receiver means specifying one of said audio files and a security state code that specifies a manner in which the specified audio file is to be output.

Claim 17 (cancelled).

Claim 18 (original): A portable security alarm system for detecting the movement of an object and providing information relative to said movement, said system comprising a movement detecting and signal transmitting means for detecting movement of an object and wirelessly transmitting a predetermined signal indicating movement of said object, a receiver means for receiving said predetermined signal and providing a security response, and a remote control unit comprising a first switch for setting said receiver means into a hold state, a second switch for setting said receiver means into an away state, and third switch for setting said receiver means into panic state.

Claim 19 (original): The system of claim 18 wherein said receiver means is adapted to respond to activation of said first switch by disarming itself from producing a security response for a predetermined period, said predetermined period being selectable based on a manner in which said first switch is activated.

Claim 20 (original): The system of claim 18 wherein said receiver means is adapted to arm itself for providing a security response when said second switch is activated.

Claim 21 (currently amended): A portable security alarm system for detecting a security condition and providing information relative thereto, said system comprising plural triggers for detecting said security condition and wirelessly transmitting a predetermined signal indicating said condition, and a receiver means for receiving said predetermined signal and providing a security response, said predetermined signal further including a unique identifier identifying said trigger and a status code providing information about a condition associated with said trigger, including information about a condition internal to said trigger.

Claim 22 (original): The system of claim 21 wherein said status code provides information about a condition external to said trigger.

Claim 23 (cancelled).

Claim 24 (original): The system of claim 21 wherein said receiver means is adapted to maintain attribute information so that following receipt of said predetermined signal containing one of said

status codes from one of said triggers, subsequent predetermined signals containing the same status code from the same trigger will be ignored until processing of the first predetermined signal is complete, but subsequent predetermined signals from the same trigger containing different status codes, and predetermined signals from other triggers, will be processed.

Claim 25 (original): The system of claim 21 wherein said receiver means is adapted to associate each of said triggers with an assigned security state when said receiver means is in a home state, said security state being used to produce said security response when one of said triggers transmits said predetermined signal.

Claim 26 (original): The system of claim 25 wherein said receiver means is adapted to override said default security states when said receiver means is in an away state.

Claim 27 (original): The system of claim 21 wherein said receiver means includes a home state, an away state, and a panic state.

Claim 28 (original): The system of claim 21 wherein said receiver means includes a quiet mode in which said security response produces fewer audible alarms than when said receiver means is not in said quiet mode.

Claim 29 (original): The system of claim 21 wherein said receiver means is adapted to store word codes in association with said triggers that identify objects to which said triggers are mounted.

Claim 30 (original): The system of claim 21 wherein some of said triggers are remote control units for controlling said receiver means and other of said triggers are movement detecting and signal transmitting means for detecting movement of objects, and wherein said remote control units and said movement detecting means are each assigned one of a restricted designation or an unrestricted designation, and wherein said receiver means is adapted to prevent a restricted control unit from disarming said system relative to a restricted movement detecting and signal transmitting means, while allowing an unrestricted control unit to disarm said system relative to any of said movement detecting and signal transmitting means.

Claim 31 (original): A security network comprising a security administration system and at least one portable security alarm system, said security administration system comprising computer host programmed to respond to security alerts, a communication interface, and a data storage resource containing provisioned information for subscribers using said portable security alarm systems, said portable security alarm system comprising plural triggers adapted to detect a security condition and provide an indication thereof including a unique trigger identifier and a status code to a base station in wireless communication with said triggers, said base station storing word codes that identify objects to which said triggers are mounted and being adapted to implement a security response to a condition being sensed by any of said triggers, said security response including transmission of a base station identifier associated with said base station and a trigger identifier, a status code and a word code associated with one of said triggers to said security administration system.

Claim 32 (original): The security network of claim 31 wherein said subscriber information provisioned by said security administration system includes contact information for each trigger of each of said portable security alarm systems, and wherein a security notification is made based on said contact information following receipt of said transmission from said base station.

Claim 33 (original): The security network of claim 32 wherein said contact information includes contact information for plural security notification recipients, and wherein said security notification includes attempting contact of each recipient in sequence until one of said recipients responds.

Claim 34 (original): The security network of claim 32 wherein said contact information includes contact information for plural security notification recipients, for plural languages, and wherein said security notification includes attempting contact of each recipient simultaneously.

Claim 35 (original): The security network of claim 32 wherein said contact information includes contact information for plural security notification recipients, and wherein said security notification includes setting up a conference call among said recipients.